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EXPRESS MAIL LABEL NO. EV669612352US  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Short et al.

**Application No.**

**Filed:** December 9, 2005

**Confirmation No.**

**For:** PLASMA POLYMERIZATION METHODS  
FOR THE DEPOSITION OF CHEMICAL  
GRADIENTS AND SURFACES  
DISPLAYING GRADIENT OF  
IMMOBILIZED BIOMOLECULE

**Attorney Reference No.** 5585-72726-01

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**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.97(b)(2)**

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") within three months of the date of entry of the national stage as set forth in § 1.491 in an international application. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Attorney Docket Number	5585-72726-01
Application Number	10/560210
Filing Date	
First Named Inventor	Short
Art Unit	
Examiner Name	

**U.S. PATENT DOCUMENTS**

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,919,659	4/24/1990	Horbett <i>et al.</i>

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		WIPO	WO 02/32591	4/25/2002	Winter-Jensen
		WIPO	WO 02/053299	7/11/2002	Winter-Jensen <i>et al.</i>
		WIPO	WO 03/082483	10/9/2003	Short <i>et al.</i>

**OTHER DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Goessl <i>et al.</i> , "Plasma lithography — thin-film patterning of polymers by RF plasma polymerization II: Study of differential binding using adsorption probes," <i>J. Biomater. Sci. Polymer Edn</i> , 12(7):739–753 (2001).
		International Search Report from International Application No. PCT/GB2004/002364.
		Ogumi <i>et al.</i> , "Functionally gradient polymer electrolyte prepared by plasma polymerization," <i>Solid State Ionics</i> , North Holland Pub. Company, 121(1–4):289–293 (June 1999).
		Whittle <i>et al.</i> , "A method for the deposition of controllable chemical gradients," <i>Chemical Communications</i> , 9(14):1766–1767 (July 2003).

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\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.